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PAUL H. MUSSEN, *Editor*
University of California, Berkeley

MARK R. ROSENZWEIG, *Editor*
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PREFACE

The authors of the 16 chapters included in the present volume have faced even greater problems of review and selection of literature than have authors of chapters in past years. The annual increase in the number and variety of articles in each major area of psychology is enormous. The master plan of the *Annual Review of Psychology* still calls for yearly representation of relatively broad fields of psychology—e.g., learning, developmental, personality, psychotherapeutic processes, vision—as well as less frequent treatment of some more specialized fields. The editors and the editorial committee feel that their most important task is to choose highly competent authorities in each area and then give them considerable latitude (but a limited number of pages) in handling their review.

More and more frequently, however, authors assigned a broad area feel that they can cover only a particular subarea within it. Such restrictions are reflected in the titles of certain chapters in the present volume. For example, instead of attempting to cover the general area of animal learning, Bitterman and Schoel chose to focus on instrumental learning and especially on parameters of reinforcement. Analogously, Shapiro and Schwartz restricted their review of social psychology to interesting new work in the psychophysiological aspects of social behavior. In other cases a broad title is used, but the author makes clear at the outset the specialized nature of his chapter. For example, Rosner devotes his chapter on brain functions to a review of the variables that affect restoration of function after damage to the central nervous system.

Annual Review authors must not only cover the literature in the area but also make wise judgments about which aspects of the field are of greatest current importance and advancement. In a real sense, they are not only reporting but also evaluating major trends and progress in their fields. A reader may feel that in any one volume a field is only partially represented, or is represented in a somewhat one-sided manner. But our goal is to reflect all major fields, trends, and points of view over a period of years. The editorial committee and editors are always happy to have comments from readers on coverage and treatment, and such communications are considered at our annual meetings.

In view of the problems facing *Annual Review* authors, it is understandable that there are occasional deferrals and defaults of chapters. Some of the chapters in the present volume had originally been scheduled for earlier publication. The chapter on audition, originally planned for this volume, has been deferred to the next. Unfortunately, the following chapters, announced for this volume, will not appear: cognitive functions, engineering psychology, industrial relations, and mathematical models of learning.

With the close of 1969, Dr. Marvin Dunnette completed his five-year

term of membership on the editorial committee. Throughout this period he has given us wise counsel over a wide range of topics and fields. Professor Lyman Porter has accepted the board's invitation to fill this position for the next term. Miss Jean Heavener, as assistant editor, continues to be a full collaborator in all aspects of organizing and producing this series. We also wish to thank Mrs. Dorothy Read for preparing the accurate and detailed subject index.

P.H.M.
M.R.R.

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ERRATA

Volume 20

P. 165, line 31, beginning "Thus Bryden" *should read:*

Thus Bryden (62) reported an increase in accuracy of report as tachistoscopic exposure duration increased from 20 to 120 msec, while Raymond & Glanzer (308) found an increase in the number of stimuli reported as a function of increasing exposure times from 15 to 1500 msec.

P. 181, Ref. 62 *should read:*

Bryden, M. P. Accuracy and order of report in tachistoscopic recognition. *Can. J. Psychol.*, **20**, 262-72 (1966)

P. 199, line 16, beginning "Spectral sensitivity" *should read:*

Spectral sensitivity measurements on a variety of ganglion-cell types revealed only red-sensitive ($\lambda_{\max} \approx 625$ nm) and green-sensitive ($\lambda_{\max} \approx 525$ nm) units: the absence of blue-sensitive units is attributed to paucity of blue-sensitive cones in the goldfish retina (149).

P. 207, line 38, beginning "Jameson & Hurvich" *should read:*

Jameson & Hurvich (114) stress that the apparent colors of foveal test fields are affected by the color of the relatively minute fixation dots.

P. 447, line 14: *for consist read consists.*

P. 461, line 10: *for independent variable read dependent variable.*

P. 461, line 31; *for Supples & Zinnes read Suppes & Zinnes.*

A WORD ABOUT REPRINTS

The reader may be puzzled by the conspicuous number (144 to 159) aligned in the margin with the title of each review in this volume. The number is a key for use in the ordering of reprints. These are priced uniformly at \$0.95 each, postpaid. Payment must accompany the order if the purchase totals less than \$10.00. All payments are to be made to Annual Reviews, Inc. in U.S. dollars. California orders are subject to 5 per cent sales tax. Delivery in the U.S.A. will require approximately two to six weeks.

Reprints at \$0.95 each are available from the *Annual Review of Biochemistry* as well as the *Annual Review of Psychology* (since 1961 for both Reviews) and from the *Annual Review of Microbiology* and the *Annual Review of Physiology* starting with the 1968 volumes.

The sale of reprints of articles published in the *Reviews* has been initiated in the belief that reprints as individual copies, as sets covering stated topics, and in quantity for classroom use will have a special appeal to students and teachers.

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VOLUME 22 (1971)

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BASIC DRIVES, *Frank Finger*

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CLASSIFICATION OF BEHAVIOR DISORDERS, *Leslie Phillips and Juris Draguns*

DEVELOPMENTAL PSYCHOLOGY, *Willard Hartup and Albert Yonas*

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PERCEPTION, *Herbert L. Pick, Jr. and Sarah M. Ryan*

PERSONALITY, *Irwin G. Sarason and Ronald E. Smith*

PERSONNEL DEVELOPMENT AND TRAINING, *John P. Campbell*

PHARMACOLOGY OF LEARNING AND MEMORY, *Murray E. Jarvik and Larry Squire*

PSYCHOLINGUISTICS, *Samuel Fillenbaum*

PSYCHOTHERAPY: BEHAVIOR THERAPY, *Leonard Krasner*

SPATIAL VISION, *P. O. Bishop and G. H. Henry*

STATISTICAL THEORY (BEHAVIORAL SCIENCE APPLICATION), *Murray A. Aitkin*

STUDENT DEVELOPMENT AND COUNSELING, *Wilbur L. Layton*

TEST THEORY, *R. Darrell Bock*

THE HISTORY OF THE

REIGN OF KING CHARLES THE FIRST

BY JOHN BURNET

IN TWO VOLUMES.

LONDON, Printed by J. Streater, at the

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